

A

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Andrew D. MURDIN et al.  
Title: CHLAMYDIA ANTIGENS AND  
CORRESPONDING DNA  
FRAGMENTS AND USES  
THEREOF  
Appl. No.: Unassigned  
Filing Date: 09/15/00  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Andrew D. MURDIN  
Raymond P. OOMEN  
Joe WANG  
Pamela DUNN

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (58 pages).
- [ X ] Formal drawings (13 sheets, Figures 1-4).
- [ X ] Unexecuted Combined Declaration and Power of Attorney (4 pages).
- [ X ] Copy of Sequence Listing (6 pages)

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$690.00	\$690.00
Total Claims:	38	- 20	= 18	x \$18.00	= \$324.00
Independents:	8	- 3	= 5	x \$78.00	= \$390.00
If any Multiple Dependent Claim(s) present:			+	\$260.00	= \$260.00
Surcharge Under 37 C.F.R. §1.16(e)					= \$130.00
				SUBTOTAL:	= \$1,794.00
[ ] Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$1,794.00

- [ X ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ ] The Assistant Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Assistant Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date September 15, 2000

By 

FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
Telephone: (202) 672-5427  
Facsimile: (202) 672-5399

Bernhard D. Saxe  
Attorney for Applicant  
Registration No. 28,665